

8 September 1971

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MEMORANDUM FOR: [REDACTED]
 THROUGH : [REDACTED]
 SUBJECT : RVG-950A Microwave System, North Vietnam
 REFERENCE : Requirement NSA/SPO/R-019-72
 NPIC Project 251203

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1. In response to the referenced requirement, all available photography [REDACTED] over five specified areas of North Vietnam was searched to determine the presence of RVG-950A equipment. This search revealed three RVG-950A antennas (logarithmic-periodic dipoles) at Huong Son in Area E. No other RVG-950A antenna Type 8062/T (logarithmic-periodic dipoles), Type 8060/T (helical) or associated Robur LO-1800A vans were observed in any of the other areas.

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2. Photography used for this search was of fair to good interpretability and included GIANT SCALE and both high- and low-altitude BUFFALO HUNTER (BHQ) missions. The results of the search are as follows:

**Declassification
Review by NIMA/DoD**

Search Areas	Percentage of area covered by photography
A. 21-56N 106-42E (5-nm search)	No coverage
B. 20-32N 105-55E (5-nm search)	No coverage
C. 19-14N 105-46E (10-nm search)	50%
D. 19-06N 105-44E (10-nm search)	50%
E. 18-32N 105-28E (5-nm search)	25% (confirmed RVG-950A site located in this search area)

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GROUP 1: Excluded
automatic downgrading
and declassification

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3. Three RVG-950A (logarithmic-periodic dipole) antennas were observed at 18-32-25N 105-28-32E (UTM 48QWF503499) at Huong Son north of Route 8. The approximate azimuth of the antennas were [] 1450, and 2400. No associated Robur LO-1800A vans or landlines were observed associated with the RVG-950A site. Photo reference: []

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4. Two additional RVG-950A sites were recently located in related photographic analysis; however, these sites were not within the five designated search areas. The sites are as follows:

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a. Two RVG-950A (probable logarithmic-periodic dipoles) were observed at 19-31-31N 105-46-36E (UTM 48QWG815590) near the peak of Nui Bom (mountain), immediately west of Route 1A and approximately 17 nm south of Thanh Hoa. Due to extreme obliquity and poor resolution of the photography, the orientation of the antennas could not be determined. No additional communications equipment, including landlines, was discernible near the site. Photo reference: []

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b. Four RVG-950A (logarithmic-periodic dipole) antennas were observed on a hill 21 nm northeast of Thanh Hoa at 20-02-32N 106-02-38E (UTM 48QXH092164). One Robur LO-1800A van was also observed at the site. The approximate azimuth of the four antennas were 200, [] Photo reference: []

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5. Questions regarding this project may be directed to the Imagery analyst, [] of the Southeast Asia Branch, EGD/IEG, on extension []. A list of photographic missions used in this project will be provided upon request. This project is considered complete.

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[]
 Chief, Imagery Exploitation Group
 NPIC

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